

STATE UNIVERSITY OF NEW YORK
STATE UNIVERSITY MEDICAL CENTER AT NEW YORK
COLLEGE OF MEDICINE

DEPARTMENT OF
MICROBIOLOGY & IMMUNOLOGY

335 HENRY STREET
BROOKLYN 2, N. Y.

April 8, 1952

Dr. Joshua Lederberg
Department of Genetics
University of Wisconsin
Madison, Wisconsin

Dear Dr. Lederberg:

I have recently become interested in bacterial variation and genetics, and am doing some work in this field. Dr. Evelyn Witkin, whom I recently visited at Cold Spring Harbor, showed me a listing of some bacterial strains (E. coli) some of which you have. She suggested that I write to you to see if I can obtain the ones I want.

I am presently interested in the effect of certain physiologic states on the mutation rate of bacteria. For what I have in mind, I will need vitamin-requiring (preferably multiple vitamin-requiring) strains of E. coli, which are susceptible to phage, so that the phage can be used to measure mutation rates. I notice that you have a limited list in one of your papers (Genetics 32 505-525, 1947) of several growth-factor requiring strains. Of those listed, I would like to obtain Y-2^h (Genotype B⁻Pa⁻C⁻V⁺₁) and Y-10 (Genotype T⁻L⁻B⁺V⁺₁^S). If you have others, requiring either singly or in multiples the following vitamins, I would greatly appreciate your sending them to me: riboflavin, vitamin (s) B₆, folic acid, vitamin B₁₂. If you do not have a folic-acid or vitamin B₁₂-requiring strain, but do have a purine or pyrimidine-requiring strain, then could you send that instead?

I recognize that this is an imposition on my part, but hope that I will not inconvenience you too much. Any part of my request that you fill will be received

Dr. Joshua Lederberg

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April 8, 1952

by me with very real appreciation.

Sincerely yours,

Arthur Brown

Arthur Brown

AB/jal